

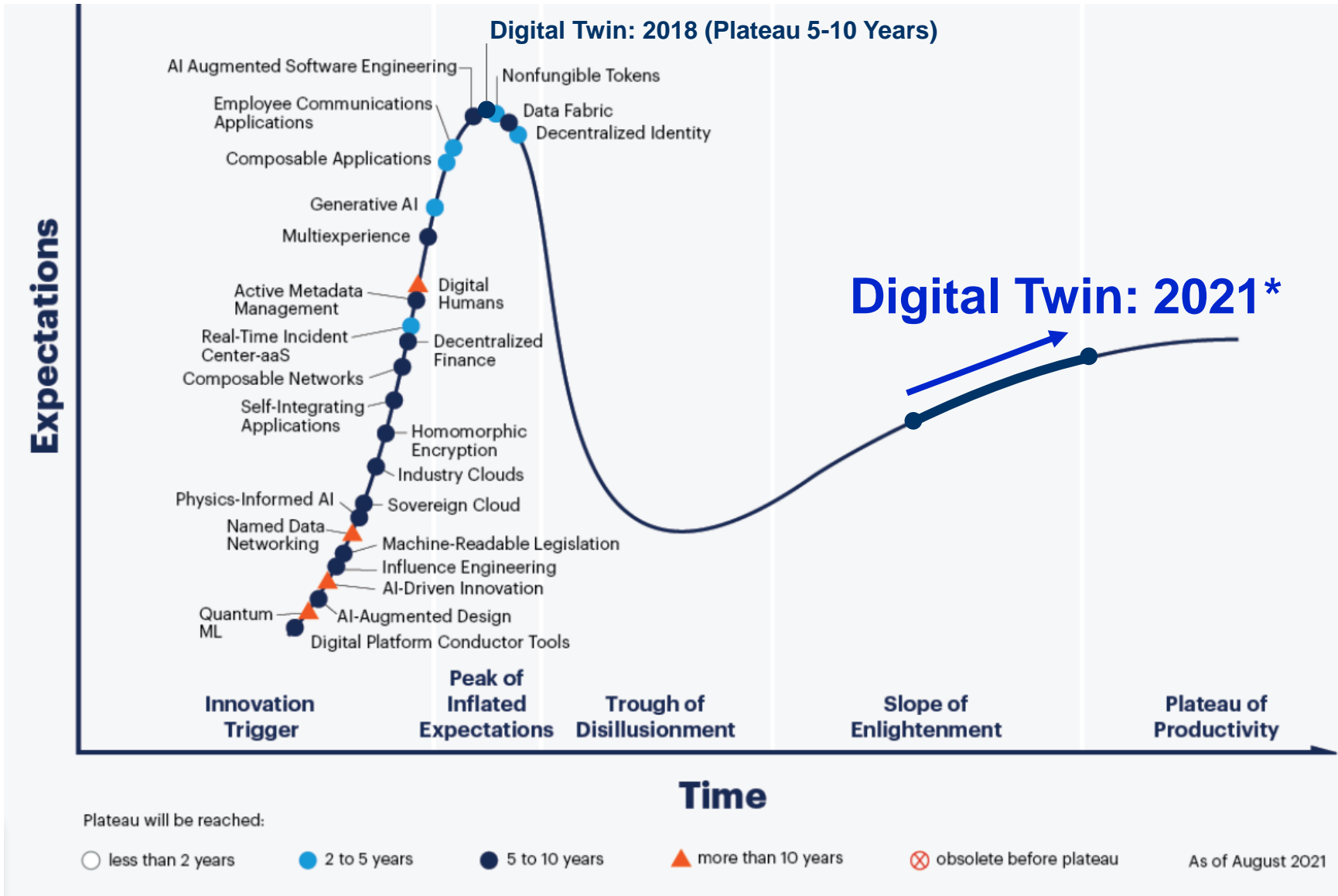
Industrial Digital Twin Association

Dr. Matthias Bölke – VP Strategy Industrial Automation Schneider Electric

4 Main AAS-Aspects:

- 1. Life Cycle → Existing data models / norms
- 2. Front- and Back End → Value creation and fit
- 3. Ecosystem → Blue Ocean
- 4. Use Cases → Getting things done

Gartner: Hype Cycle for Emerging Technologies 08/2021



* Evaluation IDTA 2021

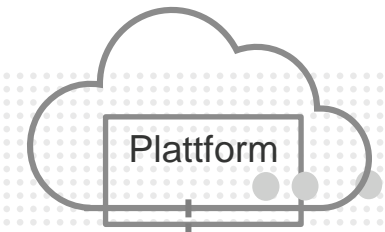
1. Life Cycle Management

1 1 1
0 1 0 0
0 1 0 1 0



Apps:

Application, Data, Topology



Asset Administration:

Type & Instance

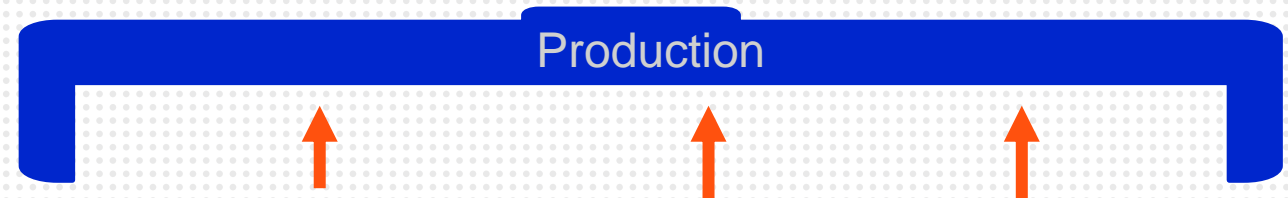
2. Front- and Back End

Value Creation & fit

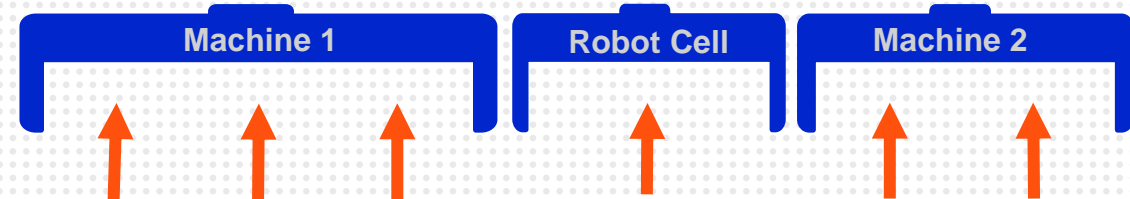
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Plant Builder
System Integrator
Operator



OEM

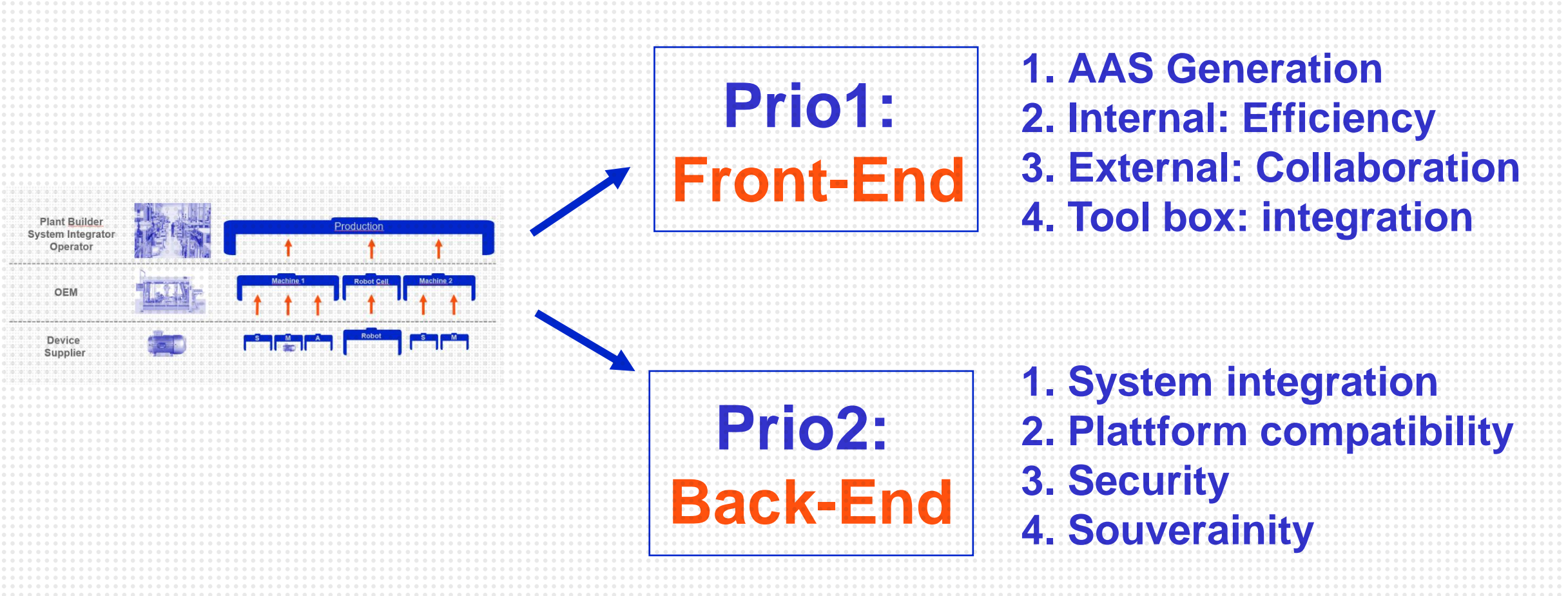


Device
Supplier

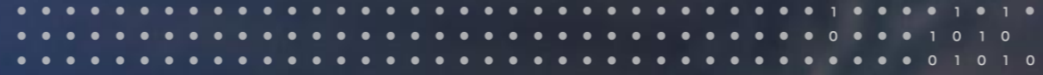


2. Front- and Back End

Value Creation & fit



:: Organization & Structure



Member

Board

Advisory Board

IDTA Office

Technology

Open Technology

- Open Source
- Security

Submodels

- Processes
- Data Integration

Quality Management

- AAS Standards
- Deployment

- Infrastructure
- Partner Management
- Member Management
- Management of the WGs

Scaling

IDTA Academy

- Training
- Profiling

Use Cases

- AAS Applications
- How to use

Marketing

- Branding
- Visibility

3. Eco System: Drive Focus

1 1 1
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0 1 0 1 0



1 Global community International standardization of the Industrial Digital Twin

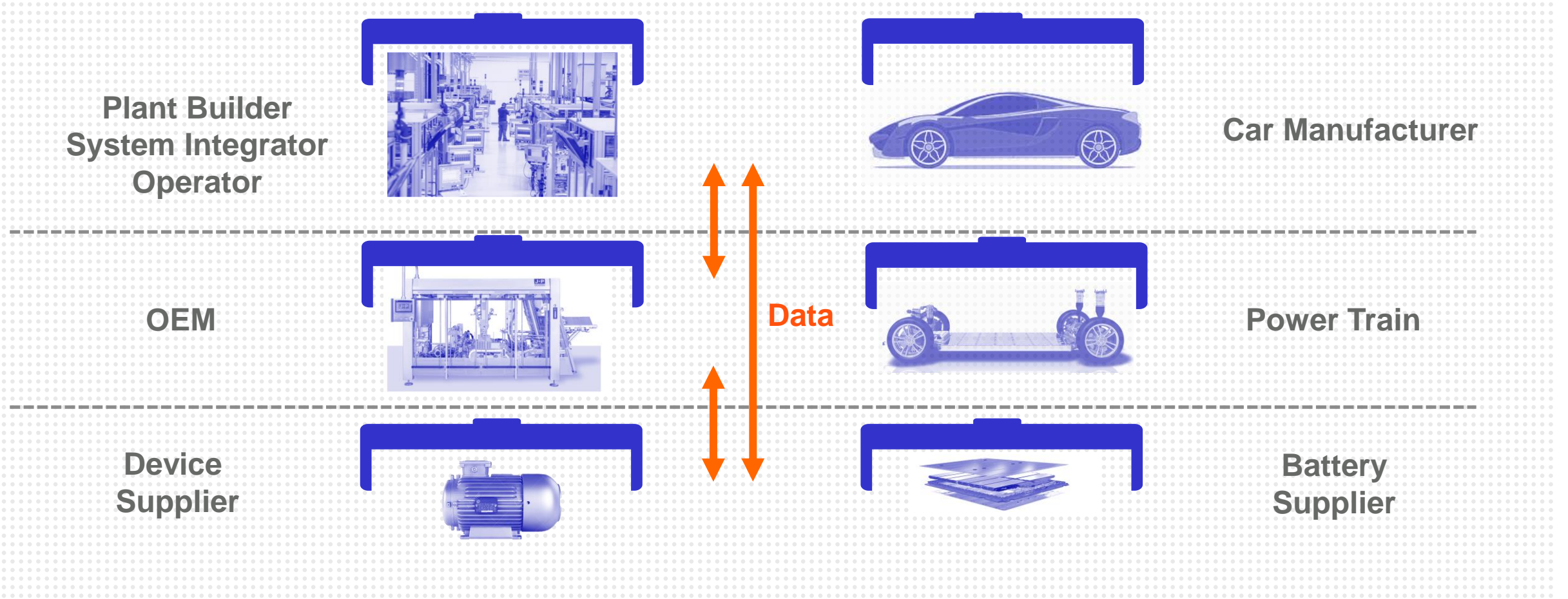
2 Open access Open source, largest catalogue of information models

3 Value Creation OT/IT conversion, low entry barrier

4 Implementation Use cases, collaboration

3. Eco System: Drive Focus

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0 1 0 1 0



IDTA Members: Suppliers – User, OT -IT



IDTA



4. Use Cases: Getting things done...

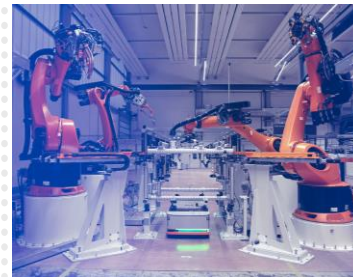
Top 10 AAS
Use-Cases

Global
Impact



Sustainability
Decarbonization
Transparency & Tracability

Smart
Manufacturing



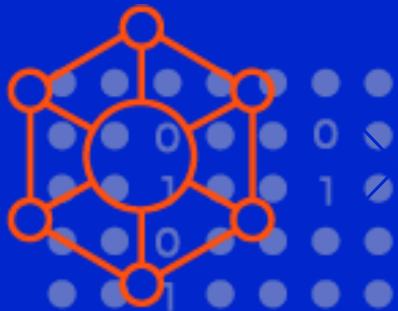
Advanced Manufacturing
Supply Chain Orchestration
PAAS

Asset
Compatibility



Plug and Produce
Interoperability
Connectivity

IDTA Industrial Digital Twin Association



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